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PEFEEL SG7

PEFEEL Smart Midi Guitar SG7 Instruction Manual

Model: SG7

Product Overview

The PEFEEL Smart Midi Guitar is a versatile instrument combining acoustic and electronic guitar features. It offers smart self-learning functions, a digital capo, and various tone options, all in a portable design. This manual provides essential information for setup, operation, maintenance, and troubleshooting.



A sleek black smart MIDI guitar with a compact design, showcasing its modern aesthetic.

Key Features

- **Portable Design:** Measures 20 x 3.15 x 2 inches and weighs 1.6 pounds, ideal for travel.
- **Dual Functionality:** Can be used as a silent practice guitar or a performing instrument.

- **Audio Output:** Features a 3.5mm stereo earphone jack and a 4Ω3W high-fidelity loudspeaker.
- **Versatile Tones:** Switch between 11 different instrument tones via the app, including Acoustic Guitar, Classical Guitar, Electric Guitar, Bass, Piano, Marimba, Zither, PIPA, and Harp.
- **Smart Tuning:** No traditional tuning required; adjust string tightness to personal preference.
- **Advanced Technology:** Equipped with nearly 100 groups of sensors and up to 7 CPUs for intelligent functionality.
- **Digital Capo:** Seamlessly switch between chord, plat, Fret1, Fret2…Fret13, eliminating the need for a physical capo.
- **Stereo Metronome:** Powerful metronome with adjustable rhythms (1/4, 2/4, 3/4, 4/4, 6/8) and beat speeds (10-200 BPM).
- **AI Self-Learning:** Includes micro motion mirror, AI finger exercise, AI musical scale exercise, and AI chord conversion exercise with real-time feedback and scoring.
- **MIDI Functionality:** Built-in USB2.0 Micro USB Interface allows for music scoring and use as a MIDI controller.
- **Companion App:** Free app supports iOS and Android devices, enhancing functionality and learning.

Setup

Unboxing

Carefully remove all components from the packaging. Ensure all items listed below are present:

- PEFEEL Smart Midi Guitar
- USB cable
- Access to downloadable App

An unboxing video demonstrating the contents and initial setup of a similar smart guitar (LiberLive C1).

Charging the Device

Connect the provided USB cable to the Micro USB port on the guitar and to a compatible power source. The neck display will illuminate to indicate the current battery life. A full charge is recommended before first use.



A close-up view of the guitar's side panel, showing the USB-C charging port and headphone jack.

App Download and Connection

Download the free PEFEEL app from your device's app store (iOS/Android). Enable Bluetooth on your phone or tablet and open the app. The app will guide you through connecting to your Smart Midi Guitar. Ensure the guitar is powered on for successful pairing.



The smart MIDI guitar connected to a tablet displaying the companion app, with headphones for silent practice.

Operating Instructions

Power On/Off and Volume Control

To power on the guitar, press and hold the power button located on the side panel. Repeat to power off. Adjust the volume of the built-in speaker or connected headphones using the dedicated volume wheel.

Tone Switching

Utilize the PEFEEL app to effortlessly switch between 11 distinct instrument tones. This allows for diverse musical expression, from classic acoustic sounds to various electric guitar styles and other instruments like piano or bass.



A graphic illustrating the variety of rich tones available through the smart guitar, including acoustic, electric, piano, and other instruments.

Digital Capo

The integrated digital capo function allows you to electronically shift the pitch of the guitar. You can switch between chord, plat, Fret1, Fret2…Fret13, enabling you to play songs in different keys without needing a physical capo.

Stereo Metronome

The smart guitar is equipped with a powerful metronome. You can set various rhythms (1/4, 2/4, 3/4, 4/4, and 6/8) and adjust the beat speed from 10 to 200 BPM to aid in timing and rhythm practice.

AI Self-Learning Functions

Enhance your learning experience with the app's artificial intelligence features:

- **Micro Motion Mirror:** Observe and correct your playing technique.
- **AI Finger Exercise:** Guided exercises to improve finger dexterity.
- **AI Musical Scale Exercise:** Practice scales with real-time feedback.

- **AI Chord Conversion Exercise:** Master chord transitions efficiently.

The app displays the scale fret diagram and playing situation in real-time, providing star ratings and praise for accuracy, rhythm, and speed after each exercise.



A user engaging with the smart guitar's AI self-learning features displayed on a smartphone, showing finger and chord exercises.

MIDI Connectivity

The guitar features a built-in USB2.0 Micro USB Interface. Connect it to your computer using the USB data cable (free drive) to use it as a MIDI controller for music production and scoring.

Maintenance

String Adjustment

The PEFEEL Smart Midi Guitar allows for free adjustment of string tightness. This feature enables you to customize the feel of the strings to suit your playing style and comfort.

Cleaning

To maintain the guitar's appearance and functionality, wipe its surfaces with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the finish or electronic components.

Troubleshooting

No Sound from Speaker/Headphones

- Ensure the guitar is powered on.
- Check the volume level on the guitar and your connected device.
- If using headphones, ensure they are fully plugged into the 3.5mm jack.
- Verify that the companion app is connected and a tone is selected.

App Connectivity Issues

- Ensure Bluetooth is enabled on your mobile device.
- Restart both the PEFEEL Smart Midi Guitar and the companion app.
- If issues persist, try forgetting the device in your phone's Bluetooth settings and re-pairing through the app.

Inaccurate AI Feedback

- Ensure your finger placement is precise and firm on the fretboard sensors.
- Check for any available calibration options within the PEFEEL app settings.
- Ensure the app and guitar firmware are up to date.

Technical Specifications

- **Item Weight:** 2.4 pounds
- **Product Dimensions:** 21 x 3.15 x 2 inches
- **Item Model Number:** SG7
- **Batteries:** 1 Lithium Polymer battery (included)
- **Back Material:** Carbon Fiber
- **Body Material:** Carbon Fibre
- **Color:** Black
- **Connector Type:** Micro USB
- **Fretboard Material:** Carbon Fiber
- **Guitar Pickup Configuration:** MIDI
- **Scale Length:** 18 Inches
- **String Material:** Nickel steel
- **Top Material:** Carbon Fiber
- **Neck Material Type:** Carbon Fibre
- **Number of Strings:** 6
- **Guitar Bridge System:** Fixed
- **Material Type:** Plastic
- **Size:** 20 inches
- **Hand Orientation:** Right

Warranty and Support

For detailed warranty information regarding your PEFEEL Smart Midi Guitar SG7, please refer to the documentation included with your purchase or visit the official PEFEEL website. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

If you encounter any issues, have questions, or require technical assistance not covered in this instruction manual, please contact PEFEEL customer support. Contact details can usually be found on the product packaging, the official website, or within the companion app.

Ask a question about this manual

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Question

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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